

Converting Colors

`RYB(196, 160, 104)`

Have a look what the booklet for
RYB(196, 160, 104) contains.

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Color

$\text{RYB}(196, 160, 104)$

Conversions

Conversions Part 1

Format	Color
Hex	C48B68
RGB	196, 139, 104
RGB Percent	77%, 55%, 41%
CMY	0.2314, 0.4556, 0.5922
CMYK	0.00, 0.29, 0.47, 0.23
HSL	23°, 44%, 59%
HSV	23°, 47%, 77%
XYZ	34.4689, 31.1457, 17.2917
YIQ	152.0530, 45.2070, 1.1990

Conversions

Conversions Part 2

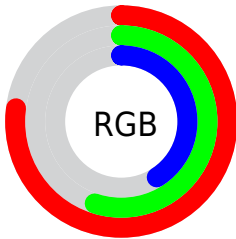
Format	Color
RYB	196, 160, 104
Decimal	12880744
CIELab	62.63, 17.64, 27.26
CIELCh	63, 32.470, 57.102
Yxy	31.1457, 0.4158, 0.3757
Android (android.graphics.Color)	4291070824 (0xFFC48B68)
YUV	152.0530, -23.6901, 38.5415
Hunter-Lab	55.8084, 12.5822, 20.6954

Details

The RYB color **196, 160, 104** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **104, 139, 196**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 215, 156**, and **140, 110, 56** is the 20% darker color. If you saturate the color by 10%, you get **196, 154, 84**, and if you desaturate by 10%, it is **196, 167, 124**.

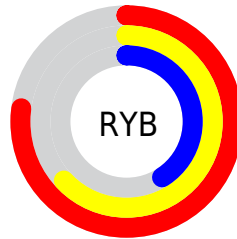
Distribution



Red (77%)

Green (55%)

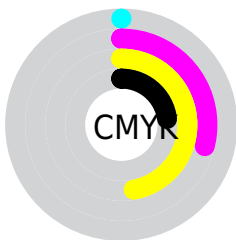
Blue (41%)



Red (77%)

Yellow (63%)

Blue (41%)

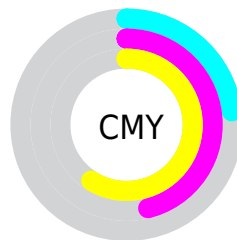


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (23%)



Cyan (23%)

Magenta (46%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 160, 104 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 196, 160, 104 by changing the saturation by 10% instead.

 196, 160, 104


255, 255, 255

 255, 213, 156

 249, 255, 182

 217, 255, 210

 239, 255, 239

 196, 160, 104

 168, 133, 80

 140, 110, 56

 113, 85, 34


 86, 62, 12

 61, 32, 0


 37, 0, 0

 0, 0, 0

 196, 160, 104


 196, 154, 84

 196, 160, 104


 196, 167, 124

 196, 143, 65

 196, 175, 143

 196, 137, 45

 196, 182, 163

 196, 129, 26

 196, 193, 182

 196, 122, 6

 196, 198, 202

 196, 119, 0

 196, 206, 222

 196, 213, 241

 196, 220, 255

 196, 224, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 131, 127



196, 160, 104



128, 173, 94

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196, 160, 104



74, 126, 167



151, 145, 203

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



196, 160, 104



104, 139, 196

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106, 139, 209



196, 160, 104



44, 108, 177

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196, 160, 104



110, 156, 164



60, 119, 199



185, 135, 183

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



196, 160, 104



96, 155, 97



60, 119, 199



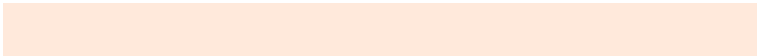
137, 147, 206

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



196, 160, 104



255, 242, 219



196, 104, 162



128, 119, 106



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 160, 104



255, 199, 112



118, 196, 104



97, 94, 87



161, 98, 0



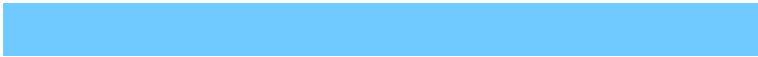
33, 21, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



104, 139, 196



112, 167, 255



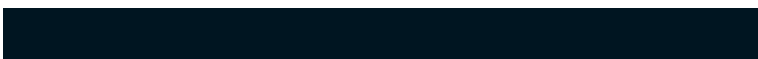
104, 115, 196



87, 91, 97



0, 62, 161



0, 13, 33

Previews

White Background



This preview shows how the RYB color 196, 160, 104 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 196, 160, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

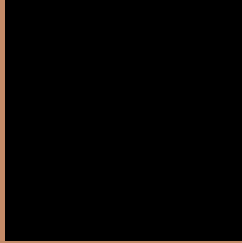
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 196, 160, 104 Background



This preview shows how black text looks on a background with the RYB color 196, 160, 104.



This preview shows how white text looks on a background with the RYB color 196, 160, 104.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
196, 160, 104

Protanopia
123, 163, 109

Deuteranopia
173, 182, 103



Tritanopia

199, 134, 144

Trichromacy



Original Color
196, 160, 104

Protanomaly
155, 175, 107

Deuteranomaly
187, 179, 103

Tritanomaly
198, 137, 129

Monochromacy



Original Color
196, 160, 104

Achromatopsia
152, 152, 152

Achromatomaly
168, 154, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 160, 104 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 139, 104)` looks like.

```
.text, #text, p{  
    color:rgb(196, 139, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 139, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 139, 104) }
```

Border

The CSS property to change the border of an element to RYB 196, 160, 104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 139, 104) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 139, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 139, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 139, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 139, 104);  
box-shadow:4px 4px 4px 4px rgb(196, 139,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 196, 160, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 139, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
139, 104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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